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HOSAKA FUJIO;
KUMAKI SHOZO;**Assignee: **NISSAN MOTOR CO LTD**
[News, Profiles, Stocks and More about this company](#)Published / Filed: **May 25, 1982 / Nov. 4, 1980**Application Number: **JP1980000155006**IPC Code: **B23P 21/00;**Priority Number: **Nov. 4, 1980 JP1980000155006**

Abstract:




PURPOSE: To enable parallel assembly of plural kinds of car bodies in one assembling line by providing each assembly jig with subsequently shifted receiving section and establishing unit lines without interference with each other.







CONSTITUTION: Two kinds of receiving section 66, 67 for those parts to be assembled are provided for car A and car B and a receiving section 67 of a receiving post 65 for car B is so set as to be shifted both longitudinally and laterally from a position of a receiving section 66 of a receiving post 64 for car A. In another word, an assembled body 51 of car A which only passes through a definite number of stages is once supported at a higher position so as not to interfere a receiving post 65 for car B and subsequently sent to the next stage. Accordingly, lines for car A do not interfere with each other and parallel assembly of plural kinds of car bodies may be applied in one assembling line.

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Family: [Show 5 known family members](#)

Forward References:

Buy PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US5386621	1995-02-07	Fluegge; Jerry H.	Ford Motor Company	Flexible assembly cell
	US5141093	1992-08-25	Alexander; Robert O.	Progressive Tool & Industries Co.	Automotive body panel handling apparatus
	US4893398	1990-01-16	Zimmer; Ernst	Kuka GmbH	Device for automatic jc and machining

	US4776085	1988-10-11	Shiiba; Yoshio	Honda Giken Kogyo Kabushiki Kaisha	Apparatus for use in automobile assembling
	US4683651	1987-08-04	Taketani; Toshinobu	Mazda Motor Corporation	Vehicle assembly line
	US4670961	1987-06-09	Fontaine; Christian	Renault Automation	Process and assembly intended particularly for production lines
	US4627158	1986-12-09	Mitoh; Syunji	Mazda Motor Corporation	Apparatus for setting of vehicle bodies
	US4589184	1986-05-20	Asano; Kajio	Honda Giken Kogyo Kabushiki Kaisha	Method and apparatus mounting parts to both a main body such as an automobile body
	US4589199	1986-05-20	Ohtaki; Keizaburo	Honda Giken Kogyo Kabushiki Kaisha	Apparatus for assembling door on a vehicle body

Other Abstract Info: None



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(71) Applicant: NISSAN MOTOR CO LTD

(72) Inventor: KONDO TAKUMI
HOSAKA FUJIO
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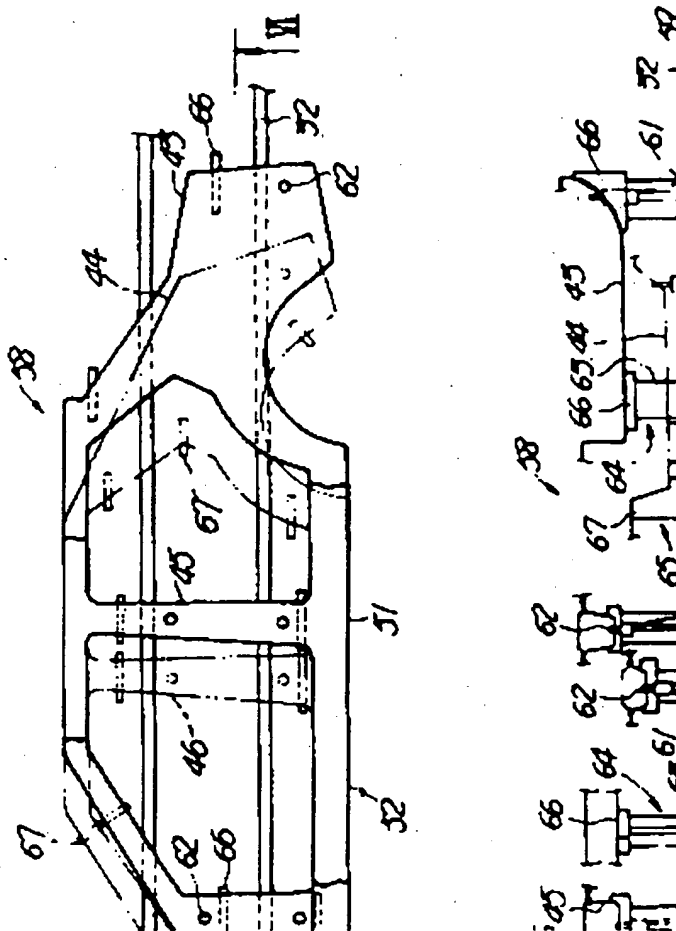
(54) CAR BODY ASSEMBLING DEVICE

(57) Abstract:

PURPOSE: To enable parallel assembly of plural kinds of car bodies in one assembling line by providing each assembly jig with subsequently shifted receiving section and establishing unit lines without interference with each other.

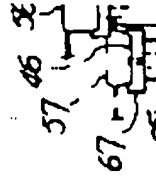
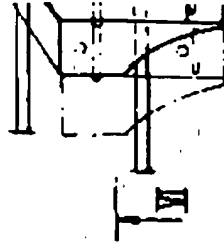
CONSTITUTION: Two kinds of receiving section 66, 67 for those parts to be assembled are provided for car A and car B and a receiving section 67 of a receiving post 65 for car B is so set as to be shifted both longitudinally and laterally from a position of a receiving section 66 of a receiving post 64 for car A. In another word, an assembled body 51 of car A which only passes through a definite number of stages is once supported at a higher position so as not to interfere a receiving post 65 for car B and subsequently sent to the next stage. Accordingly, lines for car A do not interfere with each other and parallel assembly of plural kinds of car bodies may be applied in one assembling line.

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